

What is claimed is:

1. A method in a browser for providing an audibly controlled user interface for a limited communication device, the steps comprising:
- receiving speech input information over an interface connection capable of two-way communication with the limited communication device;
- generating at least one key chunk of information based on the speech input information;
- generating an audio output developed from a response document based on the at least one key chunk of information; and
- providing the audio output over the interface connection to the limited communication device in response to generating the audio output.
2. The method of claim 1, wherein the step of generating the audio output comprises:
- providing the at least one key chunk of information to a web application; and
- receiving the response document from the web application, the response document developed from an application-defining document accessed in response to the at least one key chunk of information provided to the web application.
3. The method of claim 1, wherein
- the step of receiving the speech input information comprises receiving the speech input information over a telephony connection to the limited communication device; and
- the step of providing the audio output over the interface connection comprises providing the audio output over the telephony connection.

8. The system of claim 7, wherein the proxy browser
provides the at least one key chunk of information to a web application
over a network; and
5 receives a response document over the network from the web application,
the response document developed from an application-defining document
accessed in response to the at least one key chunk of information provided to the
web application.
- 10 9. The system of claim 7, wherein the interface connection is a telephony
connection.
10. The system of claim 7, further comprising an automatic speech recognition
module wherein the automatic speech recognition module derives the at least one
15 key chunk of information from the speech input information received over the
interface connection.
11. The system of claim 7, wherein the speech input information comprises an input
indicating an initial access to the limited communication device.
- 20 12. The system of claim 7, wherein the speech input information comprises at least
one of a command for storing data, a command for retrieving data, and a
command for placing an outbound telephony call.

13. A processor-based system for providing an audibly controlled interface for a limited communication device, the processor-based system comprising:
- an interface connection capable of two-way communication with the limited communication device; and
 - means for generating an audio output, the generating means in communication with the interface connection, wherein
 - the interface connection receives speech input information and provides the speech input information to the generating means;
 - the generating means generates at least one key chunk of information based on the speech input information;
 - the generating means generates an audio output developed from a response document based on the at least one key chunk of information and provides the audio output to the interface connection; and
 - the interface connection provides the audio output to the limited communication device.
14. A computer program product that includes a computer readable medium having instructions stored thereon for providing an audibly controlled interface for a limited communication device, such that the instructions, when carried out by a computer, cause the computer to perform the steps of:
- receiving speech input information over an interface connection capable of two-way communication with the limited communication device;
 - generating at least one key chunk of information based on the speech input information;
 - generating an audio output developed from a response document based on the at least one key chunk of information; and
 - providing the audio output over the interface connection to the limited communication device in response to generating the audio output.

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17. The computer program propagated signal product of claim 16, wherein the step of generating the audio output comprises:
- providing the at least one key chunk of information to a web application;
- and
- receiving the response document from the web application, the response document developed from an application-defining document accessed in response to the at least one key chunk of information provided to the web application.
18. A method in a server for providing an audibly controlled user interface for requesting call services over a network, the steps comprising:
- accessing an application defining tagged document in response to a request received over the network;
- providing a response suitable for audio output based on the application defining tagged document and the request;
- receiving at least one key chunk of information over the network based on speech input information based on the response; and
- initiating a call service in response to receiving the at least one key chunk of information.
19. The method of claim 18, wherein:
- the step of accessing the application defining tagged document comprises accessing an extensible markup language document; and
- the step of providing the response suitable for audio output based on the application defining tagged document comprises generating the response based on the extensible markup language document.

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24. A processor-based system for providing an audibly controlled interface over a network, the system comprising:
- a document database configured for storing a plurality of application defining tagged documents; and
 - an executable resource in communication with the document database and the network, wherein the executable resource
 - accesses an application defining tagged document in response to a request received over the network;
 - provides a response suitable for audio output based on the application defining tagged document and the request;
 - receives at least one key chunk of information over the network based on speech input information based on the response; and
 - initiates a call service in response to receiving the at least one key chunk of information.
25. The system of claim 24, wherein
- the application defining tagged document is an extensible markup language document; and
 - the executable resource generates the response based on the extensible markup language document.
26. The system of claim 24, wherein the request comprises an input indicating an initial access to a limited communication device.
27. The system of claim 24, wherein the executable resource receives the request from a proxy browser based on an interface connection between the proxy browser and a limited communication device.

28. The system of claim 24, wherein the executable resource dynamically changes modifiable responses in the application defining tagged document in response to the request to provide a modified application defining tagged document.

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29. The system of claim 24, wherein the executable resource receives a modification input and the executable resource dynamically changes modifiable responses in the tagged document in response to the modification input to provide a modified tagged document.

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30. A processor-based system for providing an audibly controlled interface over a network, the system comprising:

a document database configured for storing a plurality of application defining tagged documents; and

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means for producing a response suitable for audio output, the producing means in communication with the document database and the network, wherein the producing means

accesses an application defining tagged document in response to a request received over the network;

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provides a response suitable for audio output based on the application defining tagged document and the request;

receives at least one key chunk of information over the network based on speech input information based on the response; and

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initiates a call service in response to receiving the at least one key chunk of information.

- 5 accessing an application defining tagged document in response to request
received over the network;

receiving at least one key chunk of information over the network based on
10 speech input information based on the response; and

- 15 the step of accessing the application defining tagged document comprises
accessing an extensible markup language document; and

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33. A method in a browser for providing an audibly controlled user interface for requesting call services, the steps comprising:
- receiving input information indicating an initial access to a limited communication device over an interface connection capable of two-way communication with the limited communication device;
 - providing a first request to a web application based on the input information;
 - providing audio output over the interface connection to the limited communication device based on a response document received from the web application in response to providing the first request; and
 - providing a second request that specifies a call service to the web application in response to generating at least one key chunk of information based on speech information received over the interface connection in response to providing the audio output.
34. A method in an application server, the steps comprising:
- receiving a first request over a network for a response for a subscriber;
 - accessing profile information for the subscriber from a database;
 - generating a response document having content tags that specify media content and control tags that define playback of the response for the subscriber in an audible form;
 - receiving a second request over the network including at least one key chunk generated based on a speech command provided by the subscriber based on the response document; and
 - initiating a call service based on interpretation of the at least one key chunk relative to the profile information and the response.

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